DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

QUAD AWARE LOCKING PRIMITIVE

the specification of which is attached hereto.

I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, §1.56.

I claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below, and I have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

(NONE)

I claim the benefit under Title 35, United States Code, §120 of any United States Application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information material to the patentability of this application as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

(NONE)

All statements made herein of my own knowledge are true, and all statements made on information and belief are believed to be true. Further, these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

POWER OF ATTORNEY

As a named inventor I hereby appoint the following attorneys to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

Rochelle Lieberman - 39,276

William B. Porter, III - 33,135

Pryor A. Garnett - 32,136

John E. Hoel - 26,279

Christopher A. Hughes - 26,914 Edward A. Pennington - 32,588 Joseph C. Redmond, Jr. - 18,753

Send Correspondence to:

Pryor Garnett, Counsel

IBM Corporation

Intellectual Property Law Dept., EDO2-805

15450 SW Koll Parkway Beaverton, OR 97006-6063

fax 503-578-5040

Direct Telephone Calls to:

Pryor A. Garnett, 503-578-5020

Full name of sole or first Inventor:

Paul E. McKenney

Date

December - 2000

Inventor's signature

1975 NW Albion Court

Beaverton, OR 97006

Citizenship

Residence

United States of America

Post Office Address

Same as Above

Full name of second or joint Inventor:		Benedict Jackson			
Inventor's signature	}	19-December - 2000) Date			
Residence	17380 NW Berna, Beaverton, OR 97	d Pl			
Citizenship	United States of America	•			
Post Office Address	Same as Above				
Full name of third or joint Inventor:		Ramakrishnan Rajamony			
Inventor's signature		Date			
Residence					
Citizenship	India	·			
Post Office Address	Same as Above	·			
Full name of fourth or joint Inventor:		Ronald L. Rockhold			
Inventor's signature	· .	Date			
Residence					
Citizenship	United States of America	•			
Post Office Address	Same as Above				
This declaration ends v	vith this page.				
Declaration & Power of	f Attorney 3	•			

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

QUAD AWARE LOCKING PRIMITIVE

the specification of which is attached hereto.

I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, §1.56.

I claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below, and I have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

(NONE)

I claim the benefit under Title 35, United States Code, §120 of any United States Application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information material to the patentability of this application as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

(NONE)

All statements made herein of my own knowledge are true, and all statements made on information and belief are believed to be true. Further, these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

POWER OF ATTORNEY

As a named inventor I hereby appoint the following attorneys to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

Rochelle Lieberman - 39,276

William B. Porter, III - 33;135

Pryor A. Garnett - 32,136

John E. Hoel - 26,279

Christopher A. Hughes - 26,914 Edward A. Pennington - 32,588 Joseph C. Redmond, Jr. - 18,753

Send Correspondence to:

Pryor Garnett, Counsel

IBM Corporation

Intellectual Property Law Dept., EDO2-805

15450 SW Koll Parkway Beaverton, OR 97006-6063

fax 503-578-5040

Direct Telephone Calls to:

Pryor A. Garnett, 503-578-5020

Full name of sole or first Inventor:

Paul E. McKenney

Inventor's signature

Date

Residence

1975 NW Albion Court

Beaverton, OR 97006

Citizenship

United States of America

Post Office Address

Same as Above

Full name of second or joint Inventor:		Benedict Jackson		
Inventor's signature	··	Date		-
Residence				
Citizenship	United States of America	ı		
Post Office AddressSan	ne as Above		-	
Full name of third or join		Ramakrishn	an Rajamony	
Rhmm	wark	21	December	2000
Inventor's signature		Date		
Residence	3625 Duval R Austin, TX 78	Coad #83 759, US	S A	
Citizenship	India			
Post Office AddressSan	ne as Above			v
Full name of fourth or j	oint Inventor:	Ronald L. R	ockhold	
Inventor's signature		Date		_
Residence		-		
Citizenship	United States of America	a		
Post Office AddressSar This declaration ends w				

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

OUAD AWARE LOCKING PRIMITIVE

the specification of which is attached hereto.

I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, §1.56.

I claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below, and I have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

(NONE)

I claim the benefit under Title 35, United States Code, §120 of any United States Application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information material to the patentability of this application as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application: (NONE)

All statements made herein of my own knowledge are true, and all statements made on information and belief are believed to be true. Further, these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

POWER OF ATTORNEY

As a named inventor I hereby appoint the following attorneys to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

Rochelle Lieberman - 39,276

William B. Porter, III - 33,135

Pryor A. Garnett - 32,136

John E. Hoel - 26,279

Christopher A. Hughes - 26,914 Edward A. Pennington - 32,588 Joseph C. Redmond, Jr. - 18,753

Send Correspondence to:

Pryor Garnett, Counsel

IBM Corporation

Intellectual Property Law Dept., EDO2-805

15450 SW Koll Parkway Beaverton, OR 97006-6063

fax 503-578-5040

Direct Telephone Calls to:

Pryor A. Garnett, 503-578-5020

Full name of sole or first Inventor:

Paul E. McKenney

Inventor's signature

Date

Residence

1975 NW Albion Court

Beaverton, OR 97006

Citizenship

United States of America

Post Office AddressSame as Above

BEA	9-2	000	-001	13-1	US1

Full name of second or joint Inventor.		Benedict Jackson		
Inventor's signature		Date	-	
Residence		- ·		
Citizenship	United States of America	1		
Post Office AddressSa	me as Above			
Full name of third or jo	oint Inventor:	Ramakrishnan Rajamony	:	
Inventor's signature		Date		
Residence		-		
Citizenship	India			
Post-Office AddressSa	me as Above			
Full name of fourth or	joint Inventor:	Ronald L. Rockhold		
JUA)	lynd	22 December	2000	
Inventor's signature		Date		
Residence	11104 Sheba Austin, TX	Cove 78759		
Citizenship.	United States of America	ı		
Post Office AddressSa This declaration ends v				
Declaration & Power of	of Attorney 3-			